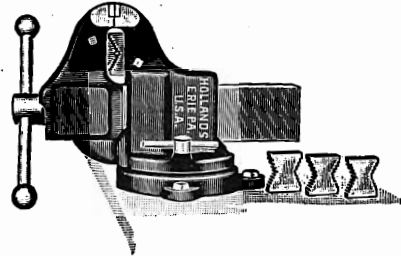


HOLLANDS MFG. CO.**ERIE, PA.****Hollands Combination Vises**

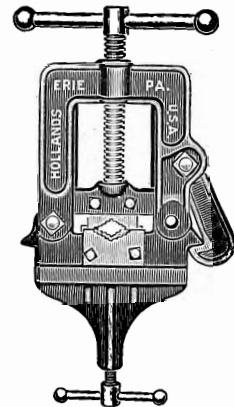
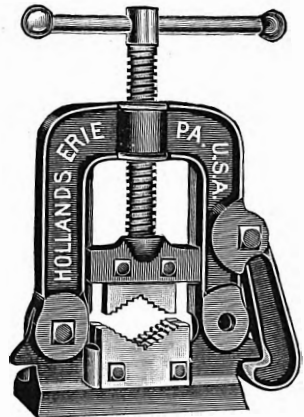
These vises are designed to meet the requirements of steam-fitting and other service. The pipe jaws are milled from solid steel bars and can be removed by loosening the set screws. All the pipe jaws are interchangeable and reversible. The swivel base is of the improved type, and can be locked at any point, and is positive.

Vise No.	Width, Jaw, In.	Holds Pipe, Inches	Weight, Pounds	List Price, Each
52.....	3½	⅛ to 2½	55	\$16.00
53.....	4¼	⅛ to 3½	82	22.00
54.....	5	⅛ to 4½	120	32.00
56.....	6	⅛ to 6	186	45.00

**Hollands Malleable Hinged Pipe Vises**

Screws are one-piece steel, turned from solid bars, and have acme thread, giving maximum strength and rapidity of action. Pipe jaws are tool steel, milled from solid bars, and tempered in oil. The base is flat, with all bracing flanges underneath, making it convenient to use a wrench in fastening with lag screws or bolts.

No.	Pipe Capacity, Inches	Wt., Lbs.	List Price, Each	No.	Pipe Capacity, Inches	Wt., Lbs.	List Price, Each
398	⅛ to 1¼	4	\$2.50	404	⅛ to 4½	30	11.00
399	⅛ to 1½	5	3.60	406	⅛ to 6	55	23.50
400	⅛ to 2	7	4.25	408	1 to 8	80	47.50
402	⅛ to 2½	12	5.00	412	1½ to 12	160	70.00
403	⅛ to 3½	18	7.50				

**Hollands Malleable Hinged Pipe Vise with Clamp Base**

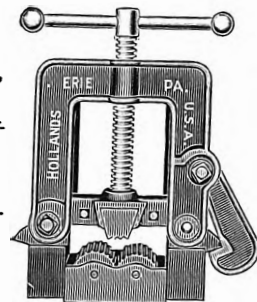
Same as above, except that base is equipped with a clamp, making it convenient to clamp vise on a post or bench.

Vise No.	Pipe Capacity, Inches	Weight, Pounds	List Price, Each
398-C.....	⅛ to 1¼	6	\$3.50
399-C.....	⅛ to 1½	8	4.50
400-C.....	⅛ to 2	10	5.00
402-C.....	⅛ to 2½	14	6.50

Keystone Self-Locking Malleable Pipe Vises

The roller jaw feature gives a much larger gripping surface than "V" jaws, and will not split the pipe. Especially adapted for electrical conduit.

Vise No.	Pipe Capacity, Inches	Weight, Pounds	List Price, Each
R 2.....	⅛ to 2½	12	\$5.00
R 3.....	¼ to 3	22	7.50
R 4.....	¾ to 4	30	11.00



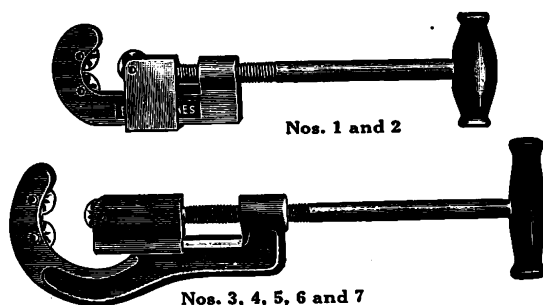
HOLLANDS MFG. CO.**ERIE, PA.****Hollands Improved Pipe Cutters****Hollands Improved Pipe Cutter**

Hollands pipe cutters cover a large range of sizes per cutter. The wheels and rollers are interchangeable, allowing the use of either in the same frame. These Cutters are equipped with knife blade wheels. Guaranteed to remain in alignment.

3-Wheel Type		Roller Type		
No.	Cuts Pipe, Inches	No.	Cuts Pipe, Inches	List Price, Each
1W	$\frac{1}{8}$ to $1\frac{1}{4}$	1R	$\frac{1}{8}$ to $1\frac{1}{4}$	\$ 4.50
2W	$\frac{3}{8}$ to 2	2R	$\frac{1}{2}$ to 2	6.00
3W	1 to $3\frac{1}{2}$	3R	$1\frac{1}{4}$ to 3	11.00
4W	1 to 4	4R	2 to 4	18.00
5W	$2\frac{1}{2}$ to 6	5R	3 to 6	28.00

Extra Parts

No.	Wheels	Rollers	Pins	Frame	Block	Handle
1	\$0.25	\$0.25	\$0.10	\$2.00	\$1.50	\$1.25
2	.32	.32	.10	2.50	2.00	1.75
3	.60	.50	.15	3.50	3.00	3.00
4	.60	.50	.15	8.00	5.00	4.00
5	.60	.50	.15	10.00	8.00	8.00

**Nos. 1 and 2****Nos. 3, 4, 5, 6 and 7****Barnes Type Three-Wheel Pipe Cutters****Barnes Type Three-Wheel Pipe Cutters**

The Barnes Type Three-Wheel Pipe Cutters are guaranteed to contain the best material obtainable and workmanship.

The wheels are made from a special grade of steel, turned from bar stock, and tempered in oil. Will retain their cutting edge for long periods.

All parts are interchangeable with other standard makes of Barnes cutters.

List Prices

Size	Cuts Pipe, Inches	Complete
No. 0	$\frac{1}{8}$ to $\frac{3}{4}$	\$4.00
No. 1	$\frac{1}{8}$ to 1	4.50
No. 2	$\frac{1}{2}$ to 2	6.00
No. 3	$1\frac{1}{2}$ to 3	10.00
No. 4	$2\frac{1}{2}$ to 4	20.00
No. 5	4 to 6	30.00
No. 6	6 to 8	40.00
No. 7	9 to 12	50.00

Extra Parts

Size	Wheels	Pins, Doz.	Hooks	Slides	Nuts	Handles
No. 0	\$0.25	\$1.00	\$1.75	\$0.75	\$0.25	\$1.00
No. 1	.25	1.00	1.75	.75	.25	1.00
No. 2	.30	1.00	2.60	1.00	.25	1.25
No. 3	.40	1.00	4.55	2.00	Nut and Hook	2.25
No. 4	.50	2.00	9.50	4.50	one-piece	4.50
No. 5	.75	2.00	13.75	7.00	in these sizes	7.00
No. 6	.75	2.00	20.00	8.50		9.25
No. 7	.75	2.00	25.00	11.25		11.50

Saunders Type Roller Pipe Cutters**Saunders Type Roller Pipe Cutter**

These cutters are of the Saunders type, with two rollers in the frame and a cutting wheel in the block. They are of the best material and workmanship, and all parts are guaranteed. Parts are interchangeable with all standard makes.

List Prices

Size	Cuts Pipe, Inches	Complete
No. 1	$\frac{1}{4}$ to 1	\$3.00
No. 2	1 to 2	4.50
No. 3	2 to 3	11.00
No. 4	$2\frac{1}{2}$ to 4	18.00
No. 5	4 to 6	28.00

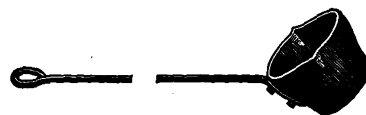
Extra Parts

Size	Block and Wheel	Wheels	Rollers	Pins	Handle
No. 1	\$1.25	\$0.24	\$0.24	\$0.10	\$1.00
No. 2	1.75	.32	.32	.10	1.25
No. 3	2.75	.60	.50	.15	2.25
No. 4	3.50	.60	.50	.15	4.50
No. 5	4.00	.60	.60	.15	7.00

HOLLANDS MFG. CO.**ERIE, PA.****Babbitt Ladles**

Cast bowl. Wrought iron handles.

Diam., Inches	Capacity		Weight, Lbs.	Length Over All, Inches	List Price, Each
	Lbs.	Qts.			
6	25	1	7	32	\$2.40
8	50	2	12	45	3.60
10	100	4	20	52	6.00



Babbitt Ladles

Plumbers' Malleable Iron Ladles

Double Lipped.

Diameter, Inches	Length, Inches	Capacity, Pounds	Weight per Doz.	List Price, per Doz.
2½	13	1	9 lbs.	\$2.40
3	13	1½	10 lbs.	3.00
3½	15½	2½	14 lbs.	4.00
4	16	3½	17 lbs.	4.80
5	19	7	24 lbs.	6.00
6	21	12	30 lbs.	7.20

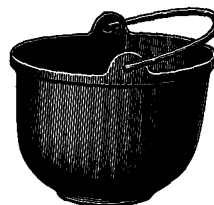


Plumbers' Malleable Iron Ladles

Melting Pots

No. 1—Cast bowl. Wrought iron handle.

Diameter, Inches	Depth, Inches	Capacity, Pounds	Weight, Pounds	List Price, Each
4	2¼	8	2	\$0.40
5	2¾	10	2½	.50
6	3½	15	4	.70
7	3¾	20	5	1.00
8	4¼	35	6	1.40
9	5¼	45	10	2.00
10	5¾	70	15	2.80

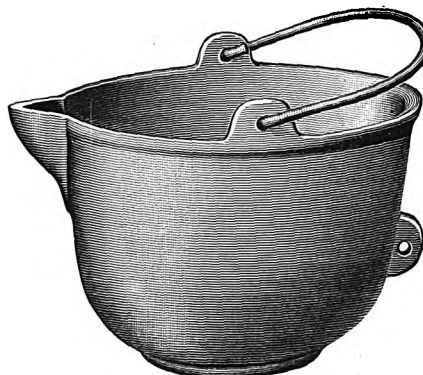


No. 1—4 in. to 10 in. Diameter

Melting Pots

No. 2—Cast bowl. Wrought iron handle. Equipped with pouring lip and tilting fixture.

Diam., Inches	Depth, Inches	Capacity, Pounds	Weight, Pounds	List Price, Each
12	7½	135	24	\$4.20
13½	8	160	28	5.40
15	10	250	60	9.00

No. 2—12 in. to 15 in. Diameter
Equipped with pouring lip and tilting fixture.